



*JPW*  
PATENT No.: US 7,234,948 B2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**RECEIVED**

PATENTEE(S) : Duk-Yong Kim et al.  
PATENT NO. : US 7,234,948 B2  
ISSUED : June 26, 2007  
FOR : DIRECTIONAL COUPLER INTEGRATED WITH  
CONNECTORS

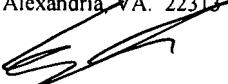
AUG 10 2007

**OFFICE OF PETITIONS**

Certificate of Mailing Under 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA. 22313 on August 3, 2007.

Steve Cha, Reg. No. 44,069  
(Name of Registered Rep.)

  
(Signature and Date)

REQUEST FOR CERTIFICATE OF CORRECTION  
UNDER 37 CFR 1.323 TO CORRECT ASSIGNEE'S ADDRESS

**Mail Stop PETITIONS**  
Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 CFR 1.323, the Patent and Trademark Office is respectfully requested to issue a Certificate of Correction in the above-identified Patent to correct an error in the Assignee's address on the face of the Patent (Item 73). The Assignee's address should read

-- Gyeonggi-do--

08/07/2007 EFLORES 00000024 7234948

01 FC:1464

130.00 OP

As requested in the July 23, 2007 communication from the USPTO (a copy of which is enclosed), in accordance with granting a request under 37 CFR 3.81, we submit the following items:

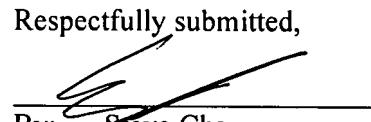
1. On December 12, 2003 we filed the above-referenced patent application with the USPTO, including an Assignment and Assignment Recordation Form PTO-1595.

On July 8, 2004, we received from the USPTO a Notice of Recordation of Assignment Document. The Notice of Recordation sets a recordation date of December 12, 2003 and reflecting the correct address of the assignee.

2. Two (2) copies of Form PTO/SB/44 embodying the requested correction accompanying this letter. Please return one copy of the Form duly certified as requested.
3. A check in the amount of \$130.00 representing the processing fee set forth in 37 CFR 1.17(i).

Please issue a Certificate of Correction and to place such Certificate in the file, so that such will appear on any copies of the Patent which are ordered in the future.

As we have already submitted a check in the amount of \$100.00 on July 3, 2007, which covered the fee for a Request for a Certificate of Correction, we believe no other fees are believed to be owed.

Respectfully submitted,  
  
By: Steve Cha  
Attorney for Applicant  
Registration No. 44,069

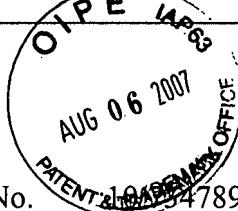
Date: August 3, 2007

Enclosure: Copy of July 23, 2007 communication from the USPTO  
Copy of Notice of Recordation of Assignment  
Form PTO/SB/44

**Mail all correspondence to:**  
Steve S. Cha, Reg. No. 44,069  
CHA & REITER, LLC  
210 Route 4 East, Suite #103  
Paramus, NJ 07652  
Telephone: 201-226-9245  
Fax: 201-226-9246



UNITED STATES PATENT AND TRADEMARK OFFICE



Serial No. 10/674,789

Patent No. 7,234,948 B2

Inventor(s) Duk-yong Kim, et al.

Issued : January 30, 2007

Title : DIRECTIONAL COUPLER INTEGRATED WITH CONNECTORS

**COPY**

Commissioner for Patents  
United States Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450  
www.uspto.gov

**RECEIVED**

AUG 10 2007

**OFFICE OF PETITIONS**

Re: Request for Certificate of Correction

Consideration has been given your request for the issuance of a certificate of correction for the above-identified patent under the provisions of 37 CFR 1.322 and/or 1.323.

Assignees' names and addresses (assignment data) printed in a patent are based *solely* on information supplied in the appropriate space for identifying the assignment data, i.e., item 3 of the Fee(s) Transmittal Form PTOL-85B. After payment of the issue fee, correction of assignment data submitted on the PTOL-85B can only be done by Certificate of Correction under 37 CFR 1.323, with a request under 37 CFR 3.81(b).

A request for a patent to be corrected to state the name of the assignee must:

- A. state that the assignment was submitted for recordation as set forth in 37 CFR 3.11 before issuance of the patent;
- B. include a request for a certificate of correction under 37 CFR 1.323 along with the fee set forth in 37 CFR 1.20(a); and
- C. include the processing fee set forth in 37 CFR 1.17(i).

If the request is granted, Certificates of Correction Branch will be notified that a Certificate of Correction may be issued.

See Manual of Patent Examining Procedure, Section 1481.01 (Rev. 3) (Oct. 2005).

*Applicant has not included items A and or C above, accordingly, the request for Certificate of Correction to add or change the assignee data is dismissed.*

Any request under 37 CFR 3.81(b) should be directed to the following address or facsimile number:

By mail: Mail Stop PETITIONS  
Commissioner for Patents  
Post Office Box 1450  
Alexandria, VA 22313-1450

**RECEIVED**

JUL 23 2007

MAN & HESTER, LLC

By hand: Customer Service Window  
Mail Stop Petitions  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

By fax: 571-273-8300  
ATTN: Office of Petitions

If a fee (currently \$100) was previously submitted for consideration of a Request for Certificate of Correction, under CFR 1.323, to correct assignment data, no additional fee is required.

**Magdalene Talley**  
For Cecelia Newman  
Decisions & Certificates  
of Correction Branch  
(703) 308-9390 ext. 116 or (703) 305-8309

**Cha & Reiter, LLC  
210 Route 4 East, Ste. 103  
Paramus, NJ 07652**

CBN/mt



**COPY**

**UNITED STATES PATENT AND TRADEMARK OFFICE**

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JULY 01, 2004

PTAS



CHA & REITER  
STEVE CHA  
210 ROUTE 4 EAST  
SUITE #103  
PARAMUS, NJ 07652

\*102629738A\*

**UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 12/12/2003

REEL/FRAME: 014803/0534  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).  
DOCKET NUMBER: 50201003

ASSIGNOR:  
KIM, DUK-YONG

DOC DATE: 12/08/2003

ASSIGNOR:  
PARK, JONG-KYU

DOC DATE: 12/08/2003

ASSIGNOR:  
LEE, SU-HEE

DOC DATE: 12/08/2003

ASSIGNOR:  
PARK, SUN-WOONG

DOC DATE: 12/04/2003

JUL 8 2004

10

ASSIGNEE:

KMW INC.

65, YEONGCHEON-RI, DONGTAN-MYEON  
HWASEONG-SI, GYEONGGI-DO

REPUBLIC OF KOREA

SERIAL NUMBER: 10734789

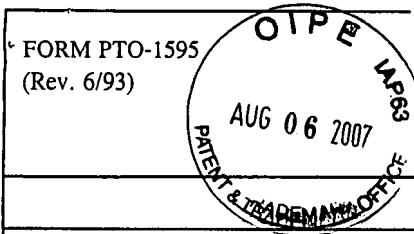
FILING DATE: 12/12/2003

PATENT NUMBER:

ISSUE DATE:

TITLE: DIRECTIONAL COUPLER INTEGRATED WITH CONNECTORS

JOANN STEWART, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS



12-23-2003



102629738

To the Assistant Commissioner for Patents

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

SHEET

Attorney Docket No. 5020-1-003

10/734789  
302  
121203



1. Name of conveying party(ies): 12.12.03  
Duk-Yong KIM; Jong-Kyu PARK; Su-Hee LEE;  
Sun-Woong PARK

Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other: \_\_\_\_\_

Execution Date: 12/8/03; 12/8/03; 12/8/03; 12/4/03

2. Name and address of receiving party(ies):  
 Name: KMW Inc.  
 Address: 65, Yeongcheon-ri, Dongtan-myeon  
Hwaseong-si, Gyeonggi-do,  
Republic of Korea  
Additional name(s) & address(es) attached?  Yes  No

4. Application number(s) or patent number(s): 16134789  
 If this document is being filed together with a new application, the execution date of the application is: 12/8/03; 12/8/03; 12/8/03; 12/4/03

|   |                  |
|---|------------------|
| A. Patent Application No.(s)  | B. Patent No.(s) |
| <u>Additional numbers attached?</u> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                  |

5. Name and address of party to whom correspondence concerning document should be mailed:  
 Name: Steve Cha  
 Address: CHA & REITER  
210 Route 4 East, Suite #103  
Paramus, New Jersey 07652

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00  
 Enclosed  
 Authorized to be charged to deposit account, if necessary  
 - for overages or underpayments only

8. Deposit account number: 502-470  
 (Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.  
 To the best of my knowledge and belief, the foregoing information is true and correct and the attached copy is a true copy of the original document.

Steve Cha, Reg No.44,069  
 Name of Person Signing

Signature

12/10/03  
 Date

Total number of pages including cover sheet, attachments, and document: 4

Mail documents to be recorded with required cover sheet information to:

Assistant Commissioner for Patents  
 Box Assignments  
 Washington, D.C. 20231

12/17/2003 HTECKLU1 00000020 10734789

02 FC:8021

40.00 OP

## Assignment of Invention and Patent Application

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of TEN (\$10.00) DOLLAR,

- 1) Duk-Yong KIM of  
65, Yeongcheon-ri, Dongtan-myeon, Hwaseong-si, Gyeonggi-do, Republic of Korea
- 2) Jong-Kyu PARK of  
#104-1005, Dongbu 2-cha APT., Galgot-dong, Osan-si, Gyeonggi-do, Republic of Korea
- 3) Su-Hee LEE of  
#101-507, Shinmiju APT., 14-4, Singal-ri, Giheung-eup, Yongin-si, Gyeonggi-do, Republic of Korea
- 4) Sun-Woong PARK of  
163-9, Unnam-ri, Guseong-myeon, Yongin-si, Gyeonggi-do, Republic of Korea

(hereinafter **Assignor**) hereby sells, assigns, transfers, and sets over unto:

**KMW Inc.** of  
65, Yeongcheon-ri, Dongtan-myeon, Hwaseong-si, Gyeonggi-do, Republic of Korea

(hereinafter **Assignee**) the entire right, title and interest for the United States Of America as defined in 35 U.S.C. § 1.00, in and to the invention entitled as:

### **DIRECTIONAL COUPLER INTEGRATED WITH CONNECTORS**

invented by **Assignor**; the application for United States patent therefor, invented by **Assignor**; any patent or reissues of any patent that may be granted thereon; and any applications which are continuations, continuation-in-part, substitutes, or divisions of said application. **Assignor** authorizes **Assignee** to enter the date of signature and/or Serial Number and Filing Date in the above. **Assignor** also authorizes and requests the Commissioner of Patents and Trademarks to issue any resulting patent(s) to the said **Assignee**, for its interests as **Assignee**, its successors, assigns and legal representatives. The undersigned agrees that the attorney of record in said application shall hereafter act on behalf of said **Assignee**; and **Assignor** further conveys to **Assignee** all priority rights resulting from the above-identified application for United States Patent. **Assignor** agrees to execute all papers, give any required testimony and perform other lawful acts, as deemed essential by **Assignee** to perfect **Assignee**'s interest in any resulting patent of the United States, and to acquire, hold, enforce, convey, and uphold the validity of said patent and reissues and extensions thereof, and **Assignee**'s interest therein.

connected therewith.

Address all correspondence to: Steve S. Cha, Esq.  
**CHA & REITER**  
411 HACKENSACK AVE  
9<sup>TH</sup> FLOOR  
HACKENSACK, NEW JERSEY 07601

**CUSTOMER NUMBER**  
**33942**

Address all telephone calls to: (201)518-5518:

I (we) hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**Full name of sole or first inventor:** Duk-Yong KIM  
Residence Address: 65, Yeongcheon-ri, Dongtan-myeon, Hwaseong-si, Gyeonggi-do,  
Republic of Korea  
Post office address: Same as above  
Citizenship: Republic of Korea

Date: December 8, 2003



Signature: \_\_\_\_\_

**Full name of Second inventor:** Jong-Kyu PARK  
Residence Address: #104-1005, Dongbu 2-cha APT., Galgot-dong, Osan-si, Gyeonggi-do,  
Republic of Korea  
Post office address: Same as above  
Citizenship: Republic of Korea

Date: December 8, 2003



Signature: \_\_\_\_\_

**Full name of Third inventor:** Su-Hee LEE  
Residence Address: #101-507, Shinmiju APT., 14-4, Singal-ri, Giheung-eup, Yongin-si,  
Gyeonggi-do, Republic of Korea  
Post office address: Same as above  
Citizenship: Republic of Korea

Date: December 8, 2003



Signature: \_\_\_\_\_

**Full name of Third inventor:**

Sun-Woong PARK

Residence Address:

163-9, Unnam-ri, Guseong-myeon, Yongin-si, Gyeonggi-do,

Republic of Korea

Post office address:

Same as above

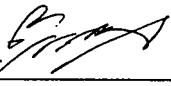
Citizenship:

Republic of Korea

Date:

10. 04. 2003

Signature:



## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 1

PATENT NO. : 7,234,948 B2

APPLICATION NO.: 10/734,789

ISSUE DATE : June 26, 2007

INVENTOR(S) : Duk-Yong Kim et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**Title Page**

Item [73], Assignee's address, should read as follows:

--Gyeonggi-do.--

**MAILING ADDRESS OF SENDER (Please do not use customer number below):**

CHA & REITER, LLC  
210 Route 4 East, Suite 103  
Paramus, NJ 07652

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**Page 1 of 1

PATENT NO. : 7,234,948 B2

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*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*